

# ADJUSTABLE WIDTH COUPLER LATCH LOCK

## Abstract

An adjustable coupler lock for locking a trailer hitch such that a trailer cannot be removed from a vehicle. The coupler lock comprises a lock body with a locking mechanism and a locking plate, and also comprises a shaft having a narrow and a flange end, and also having multiple recesses along the length of the shaft for engagement with the locking plate of the lock body. The recesses along the length of the shaft have a vertical edge which engages the locking plate such that the lock body cannot be removed from the shaft without unlocking the locking mechanism. The recesses also have a tapered edge that allows for slidable movement of the lock body along the shaft, without unlocking the locking mechanism, for the purpose of adjusting the lock to the size of the latch. The components of the coupler lock are made of stainless steel.